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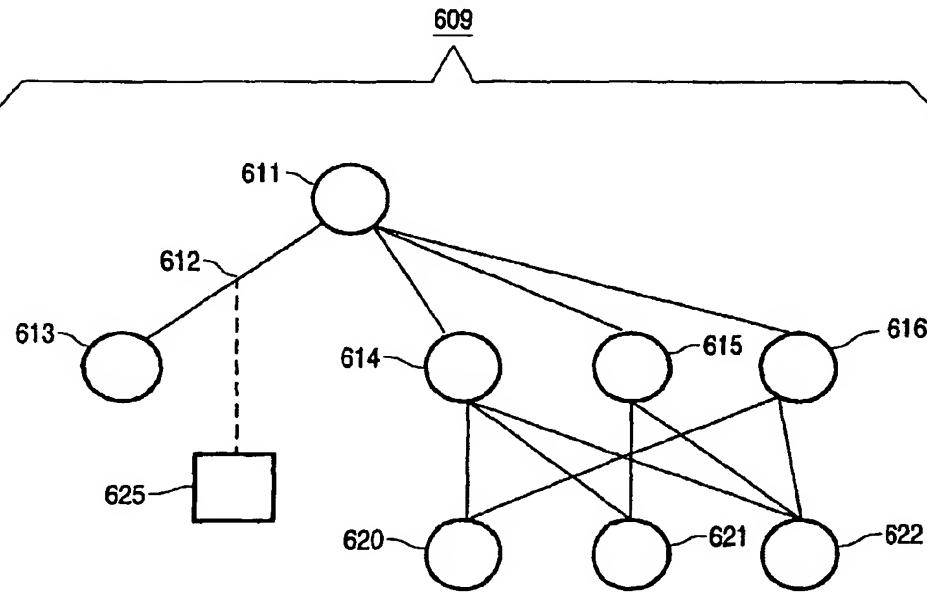
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(54) Title: TOPOLOGICAL IMAGE MODEL



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(57) **Abstract:** Method of transforming a voxel representation of an N-dimensional object into a computer model containing a cellular space, which is a specific form of graph. An indicator attached to each edge of the cellular space indicates whether a border belongs to an object. This is useful for three-dimensional compression of video sequences and for Internet video sequence search.